

**To:** Way, Steven[way.steven@epa.gov]; Dhieux, Joyel[Dhieux.Joyel@epa.gov]; Fagen, Elizabeth[Fagen.Elizabeth@epa.gov]; Hanley, Jim[Hanley.James@epa.gov]; Peterson, Cynthia[Peterson.Cynthia@epa.gov]; Faulk, Libby[Faulk.Libby@epa.gov]  
**From:** Schmittiel, Paula  
**Sent:** Mon 8/10/2015 4:52:33 PM  
**Subject:** FW: FW: Referral to Region 8 - Animas River  
I475 ODOT Seep Control.pdf

FYI

Paula Schmittiel

Remedial Project Manager

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**From:** Frances Costanzi [mailto:[franceslc55@gmail.com](mailto:franceslc55@gmail.com)]  
**Sent:** Monday, August 10, 2015 10:40 AM  
**To:** Wharton, Steve; Fagen, Elizabeth; Schmittiel, Paula; Costanzi, Frances  
**Subject:** Fwd: FW: Referral to Region 8 - Animas River

Something from the engineering forum.

Fran

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**From:** Cox, Deborah  
**Sent:** Monday, August 10, 2015 10:23:03 AM (UTC-07:00) Mountain Time (US & Canada)  
**To:** Jenkins, Joy; Cosentini, Christina; Costanzi, Frances  
**Subject:** FW: Referral to Region 8 - Animas River

I am forwarding the below to you as the R8 EF reps in case you are interested. I am currently working with Aquablok on Stauffer LeMoyne in Alabama. They are knowledgeable company and may be a good resource. They worked with Craig Zeller on the Chatanooga Creek Project in TN. Deb

**From:** John Collins [mailto:[jcollins@aquablok.com](mailto:jcollins@aquablok.com)]

**Sent:** Monday, August 10, 2015 11:16 AM

**To:** Cox, Deborah

**Cc:** John Hull

**Subject:** Referral to Region 8 - Animas River

Hello Deb,

I'm sure there are many around the country that are suggesting potential remedies for the terrible accident that took place in Colorado. However, as you know, AquaBlok has the ability to provide materials that can be deployed through the water to the sediment – which can bind a range of contaminants. We are hoping that you might be able to pass this information along to your counterpart at Region 8 for their information.

One material we have used in the past for metals is our AquaGate+ProvectIRM. The attached installation profile describes the use of a similar material on an arsenic seep zone that was encountered on a highway construction project in Ohio.

Our concept for the Animas River would be to place this material directly into the river at the point of the discharge and down river from there for some distance. The AquaGate material will effectively bind some amount of the metals at that location, preventing further spread during a high-flow event in the river. As the treatment material migrates down river, it will tend to settle out in similar areas as the metals, providing further binding capacity – and limiting the further spread of metals.

While there is likely no remedy that will effectively limit the impact of the metals that have already migrated down river, the ability to bind some amount of the ‘source’ material – and therefore limit the further spread during high-flow events, can provide the EPA with a means to enhance or speed the recovery.

Thanks for any help that you can provide. I'm sure your associates in Region 8 are very busy dealing with this situation.

Best, John

John A. Collins|COO

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